

ABSTRACT

METHOD AND APPARATUS FOR IMPROVED SIMULATION OF CHEMICAL AND BIOCHEMICAL REACTIONS

5 An integrated system for modeling, simulating and analyzing chemical and
biochemical reactions includes a modeling environment for constructing a model of a
chemical or biochemical reaction. The system also includes a simulation engine accepting as
input said constructed model of the chemical or biochemical reaction and generating as
output an expected result for a first chemical reaction using a first type of computational
10 model and an expected result for a second chemical reaction using a second type of
computational model. An analysis environment communicates with the simulation engine
and displays the expected result